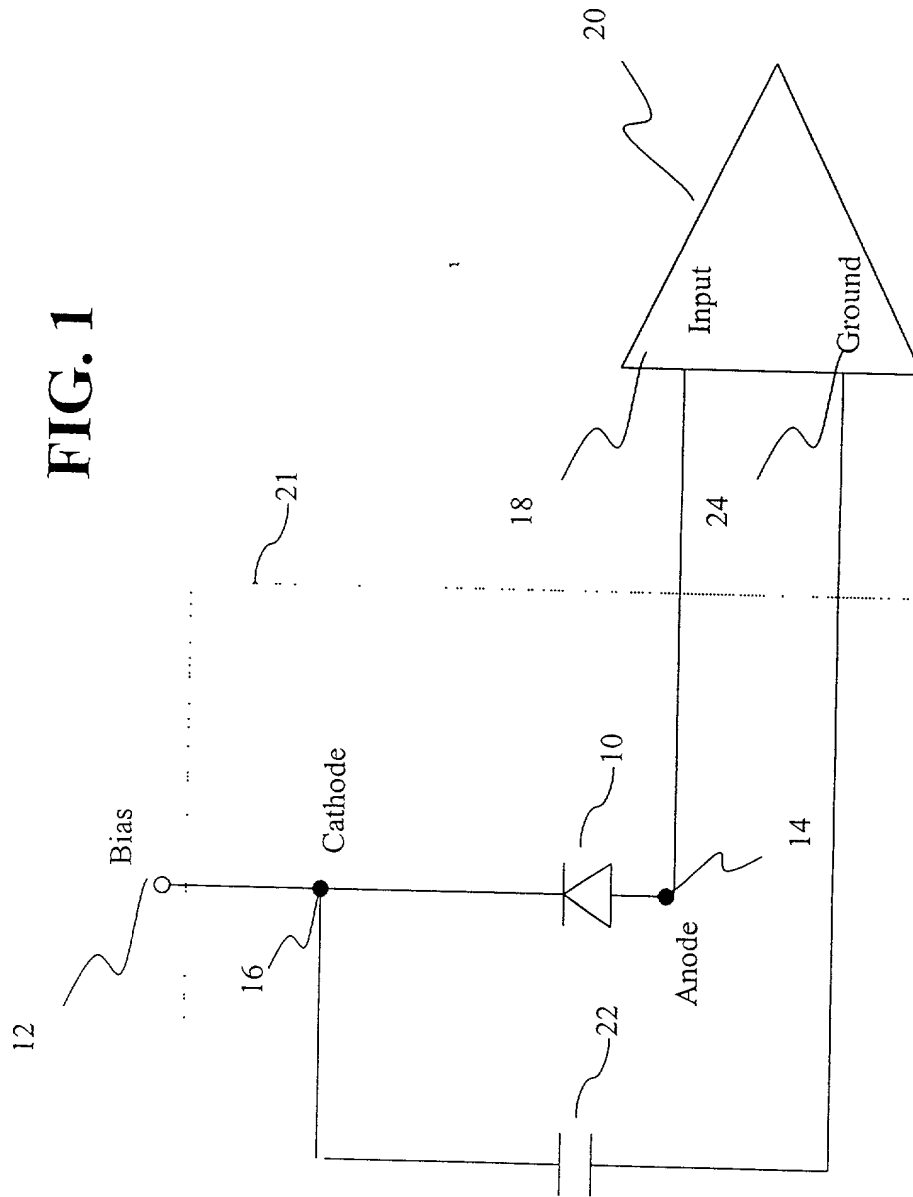


FIG. 1



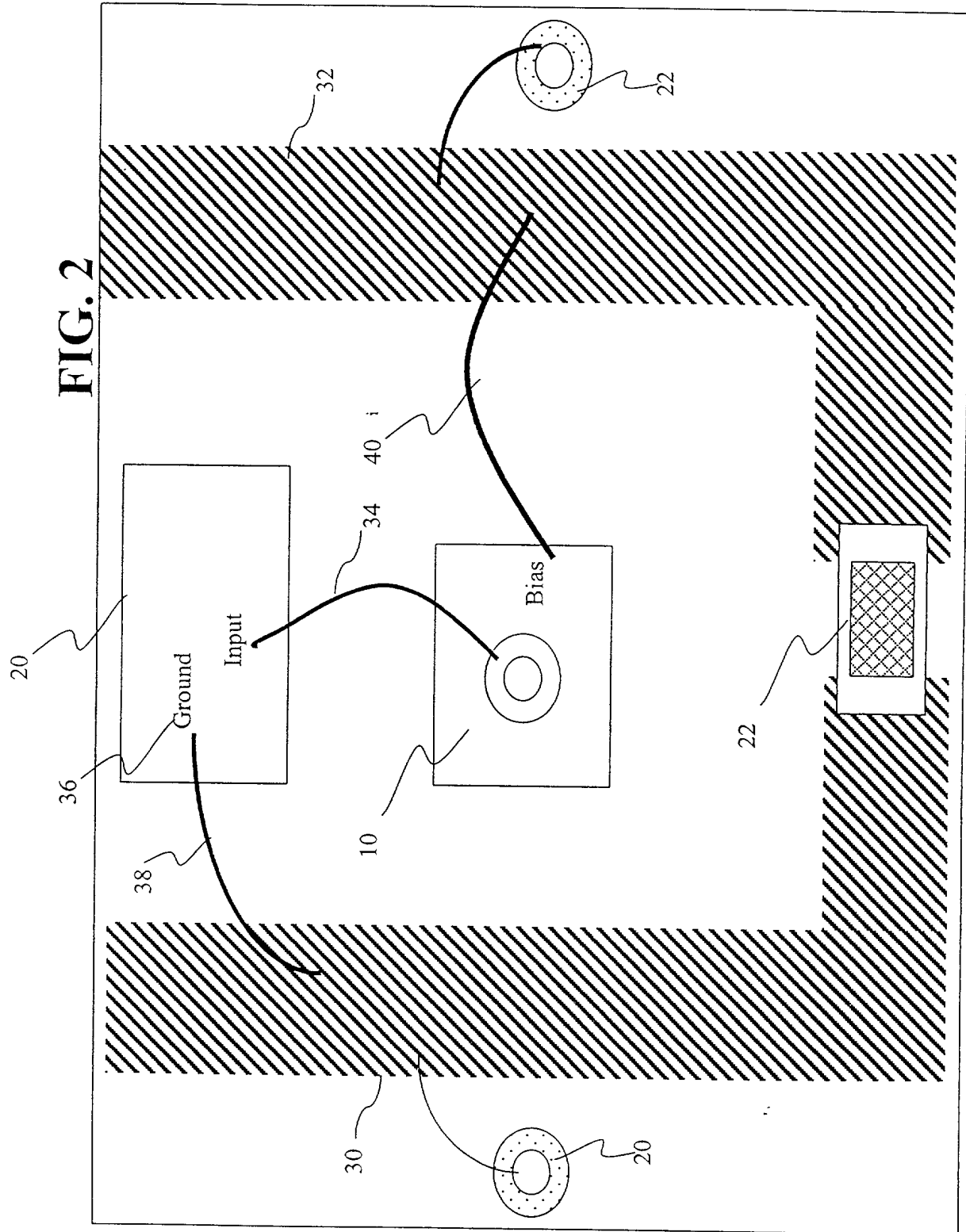
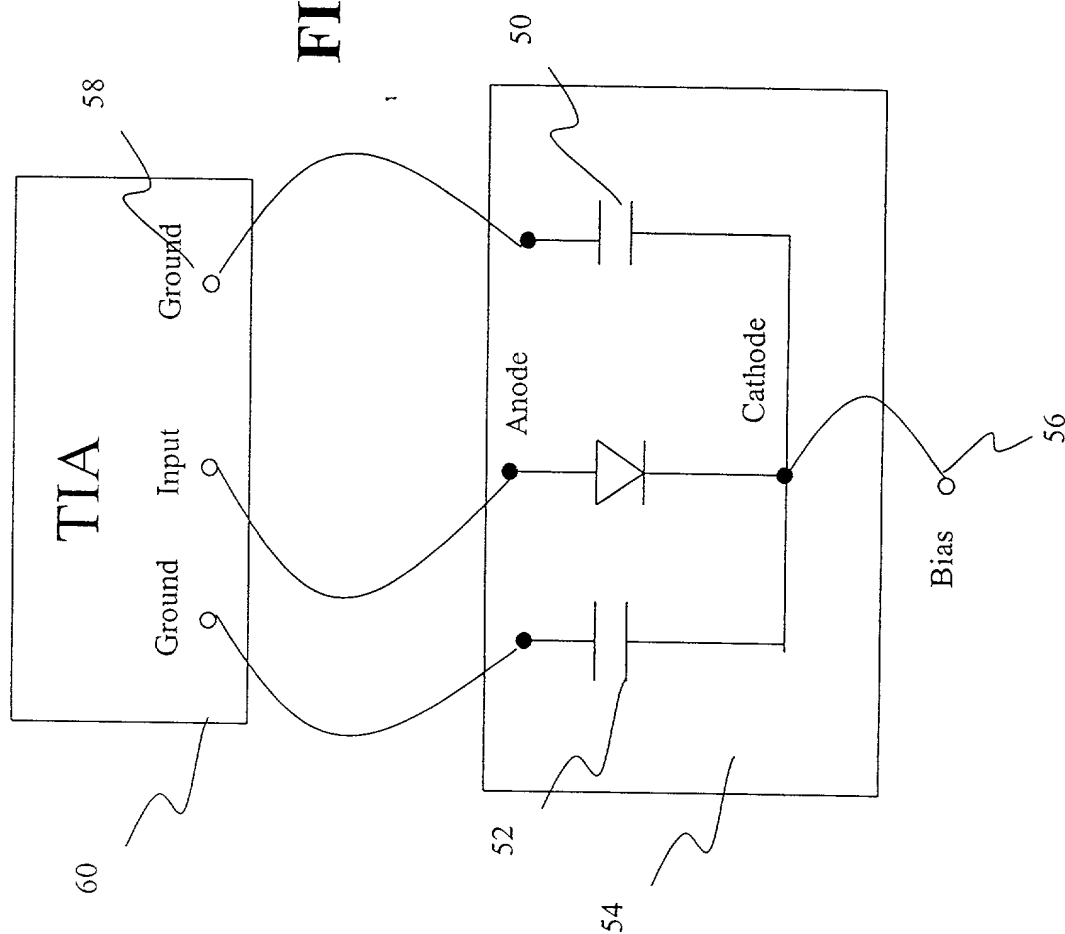
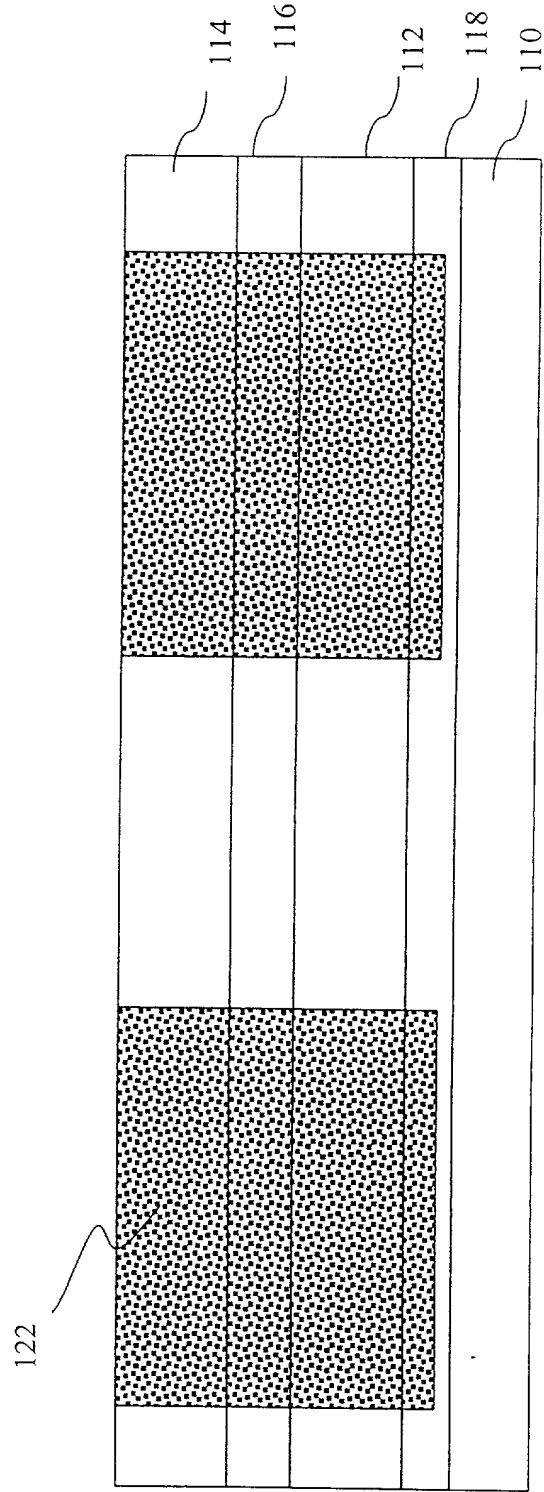


FIG. 3



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FIG. 4



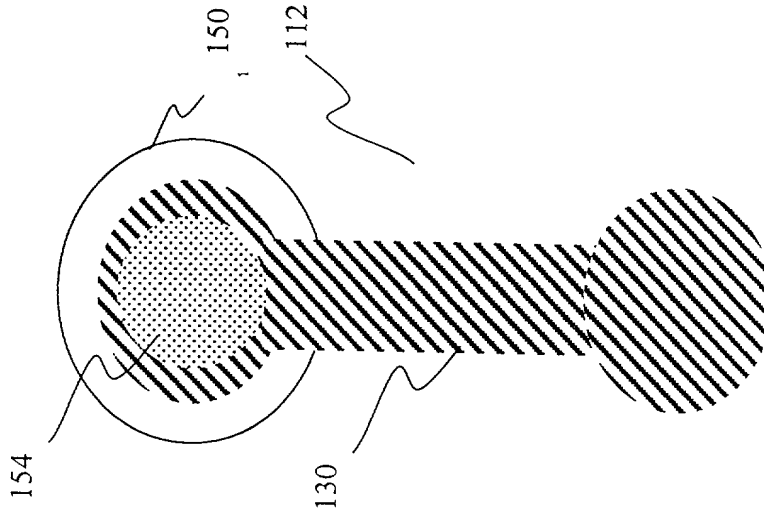


FIG. 5

●



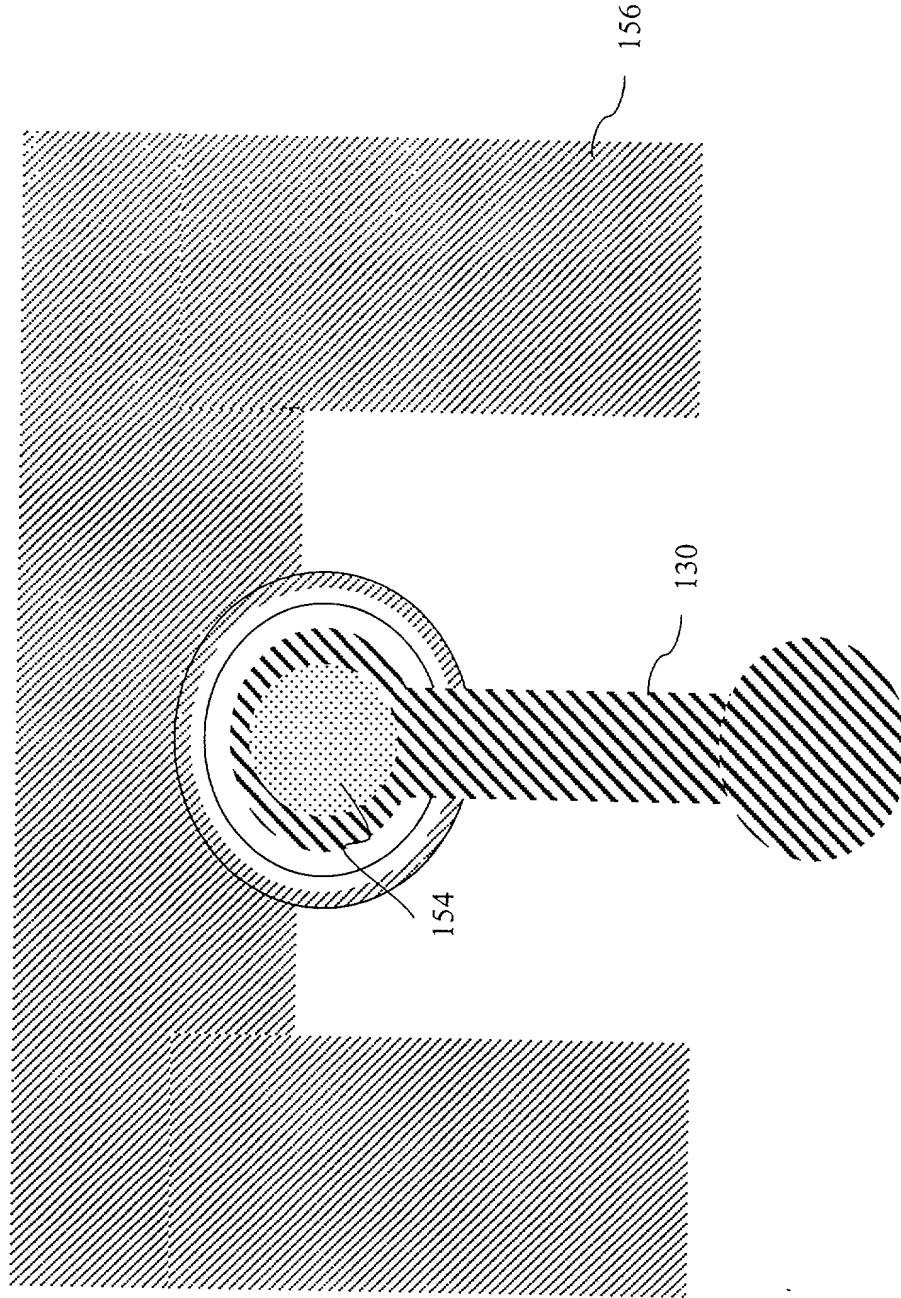


FIG. 7

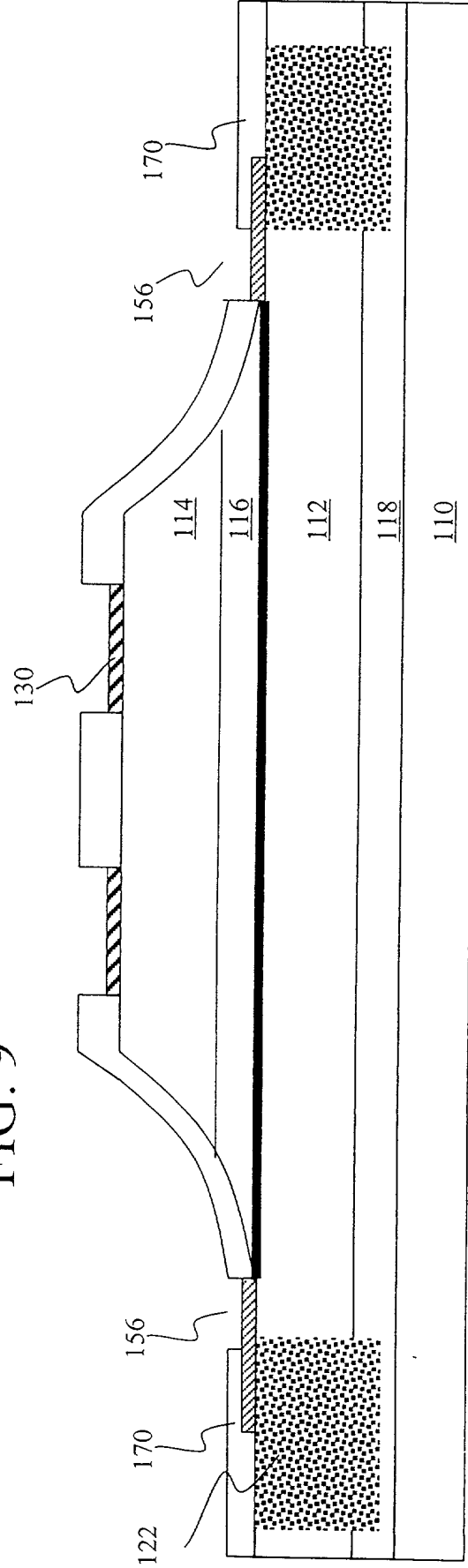
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108 



FIG. 9

FIG. 9



2



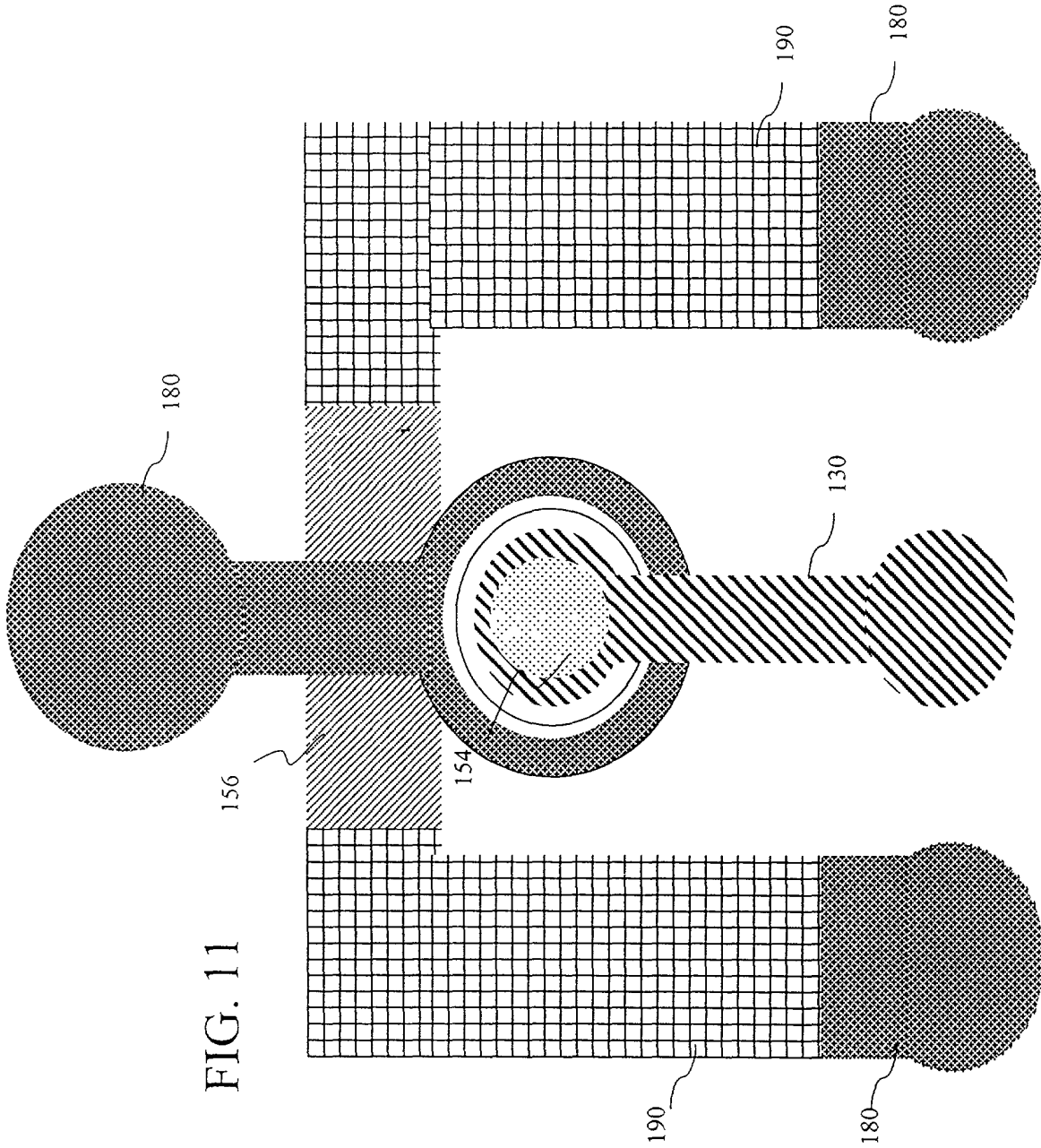


FIG. 12

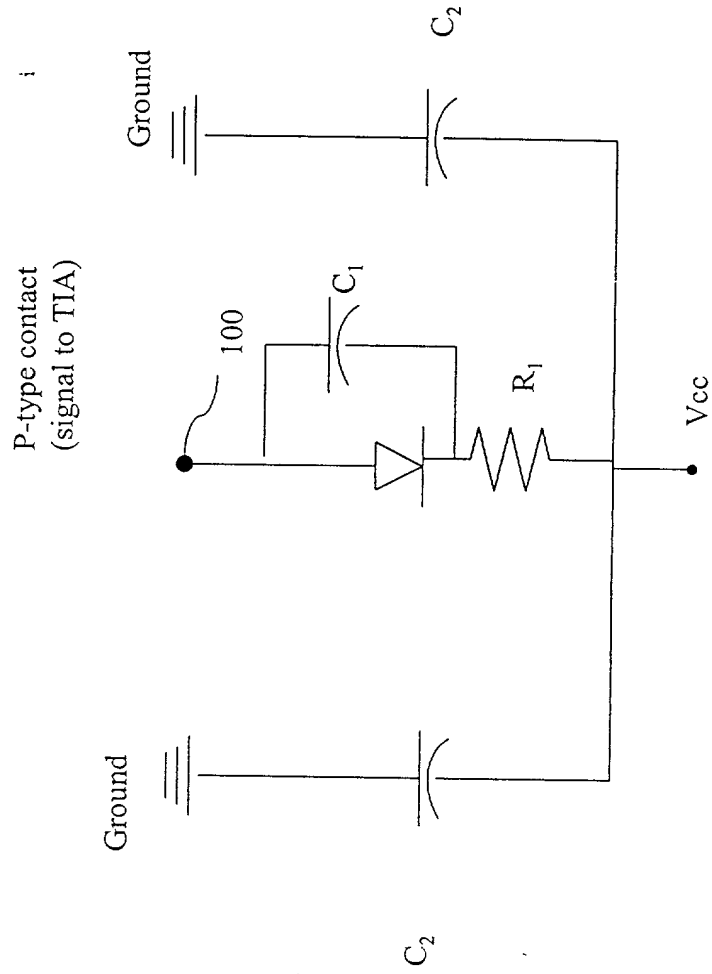
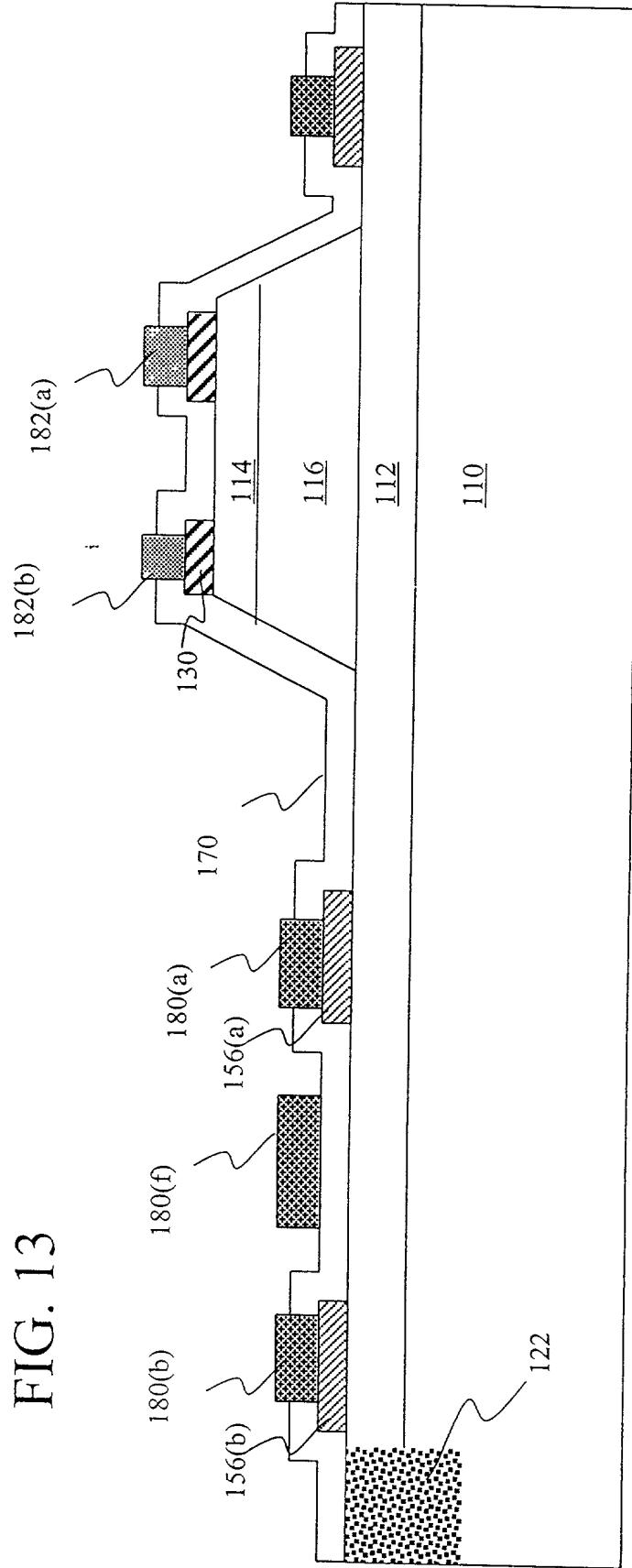
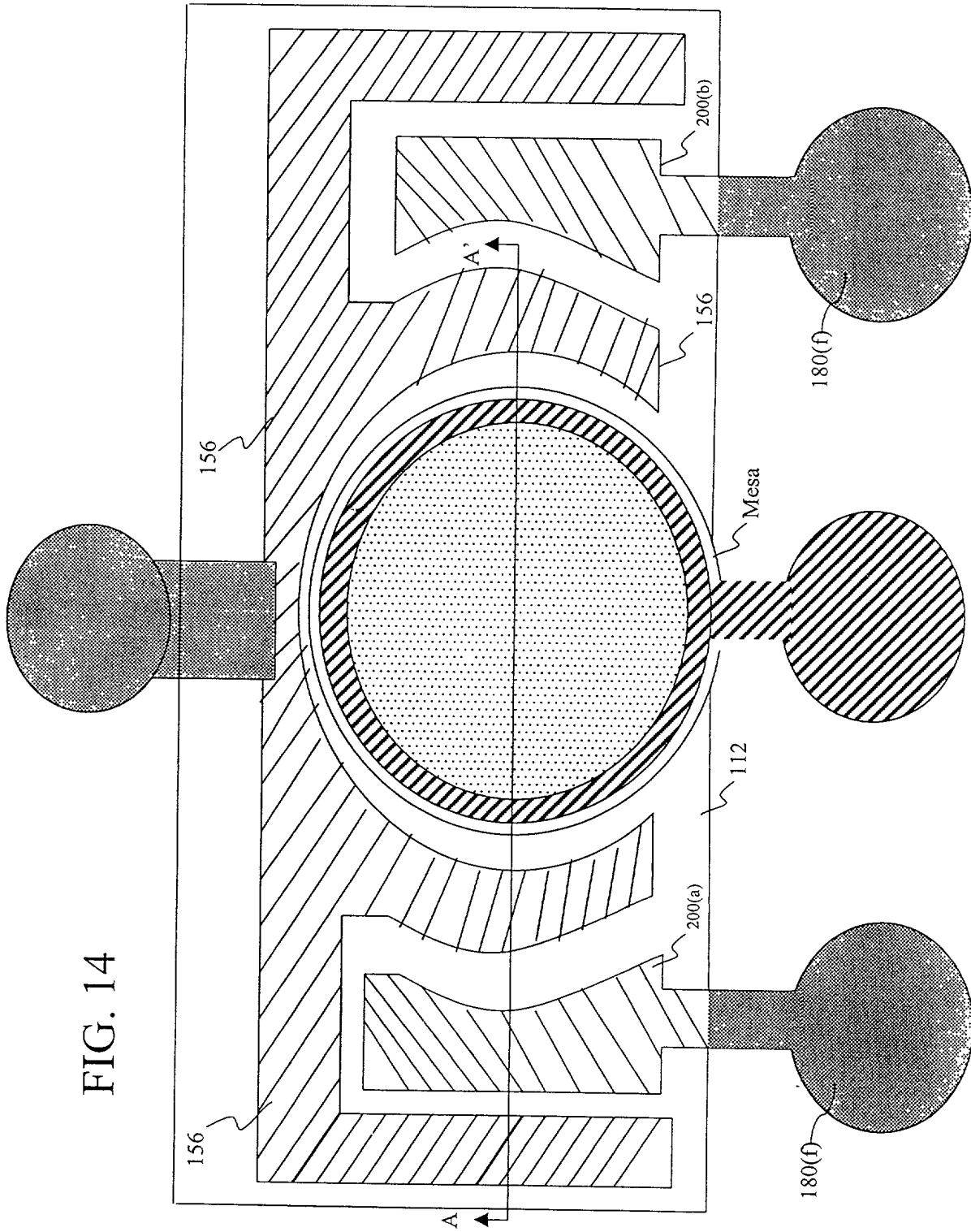


FIG. 13



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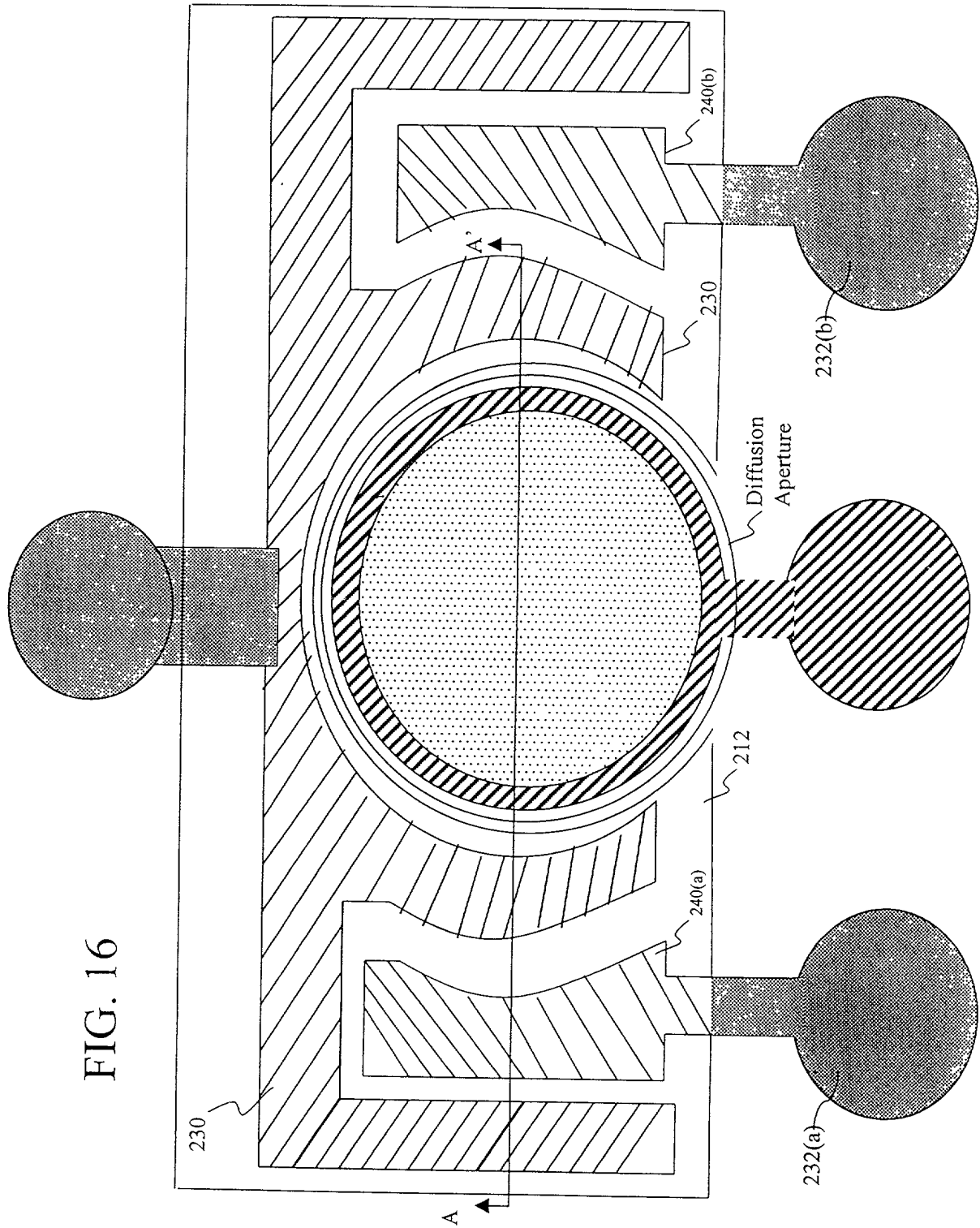
FIG. 14



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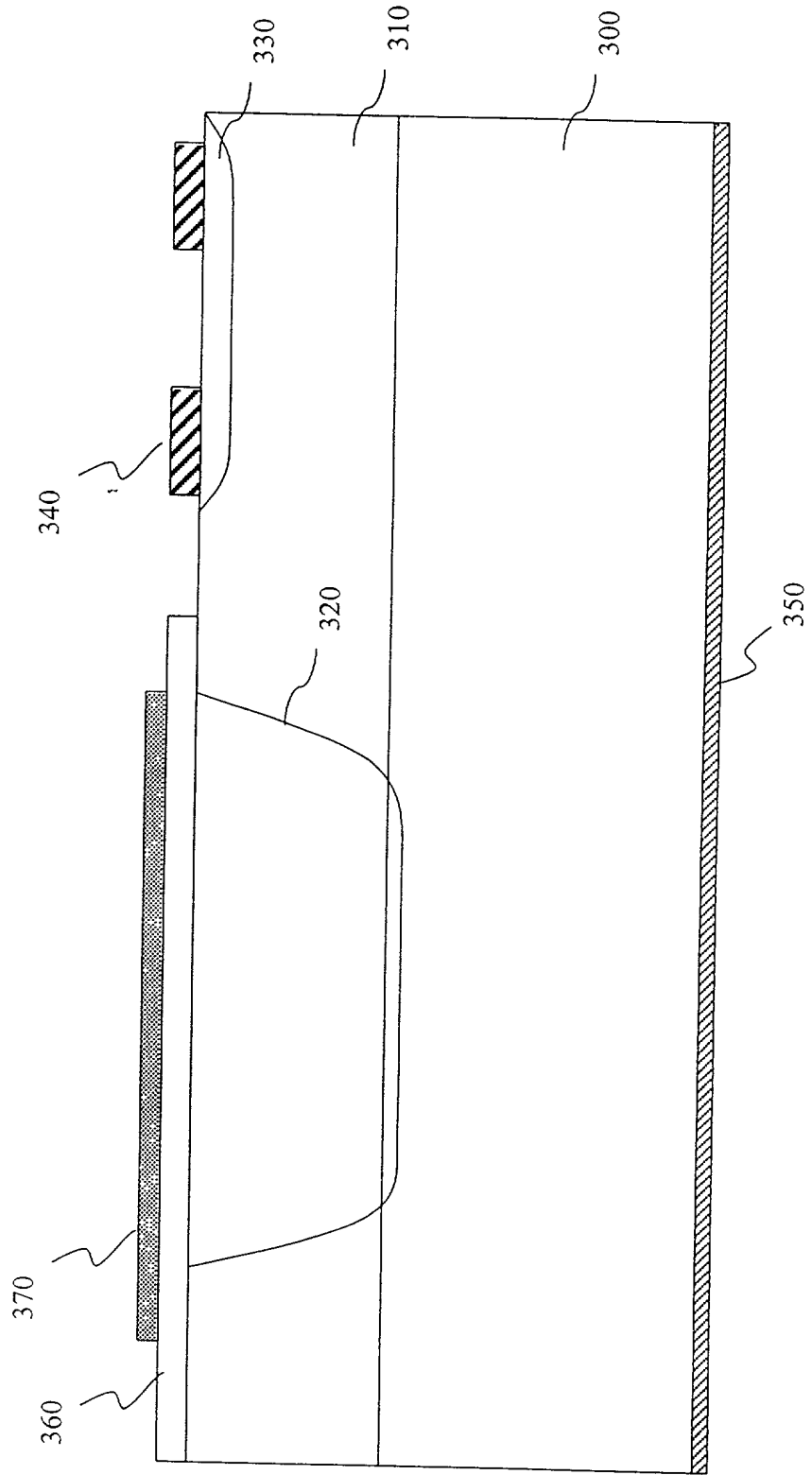
This cross-sectional view shows a trench array structure. A substrate 210 is at the base. A trench 212 is formed in the substrate. The trench is filled with a material 226. On the top surface of the substrate, there are three rectangular blocks 230(a), 230(b), and 230(c). Each block 230 is composed of a bottom layer 232 and a top layer 234. The top layer 234 is hatched. The bottom layer 232 is solid. The blocks 230 are positioned such that they are aligned with the trench 212. The trench 212 is filled with a material 226. The top surface of the substrate is labeled 224. The top surface of the trench is labeled 220. The top surface of the blocks is labeled 214. The top surface of the substrate is labeled 216.

FIG. 16



204740-98447001

FIG. 17



2020

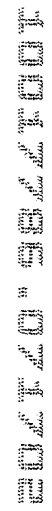


FIG. 19

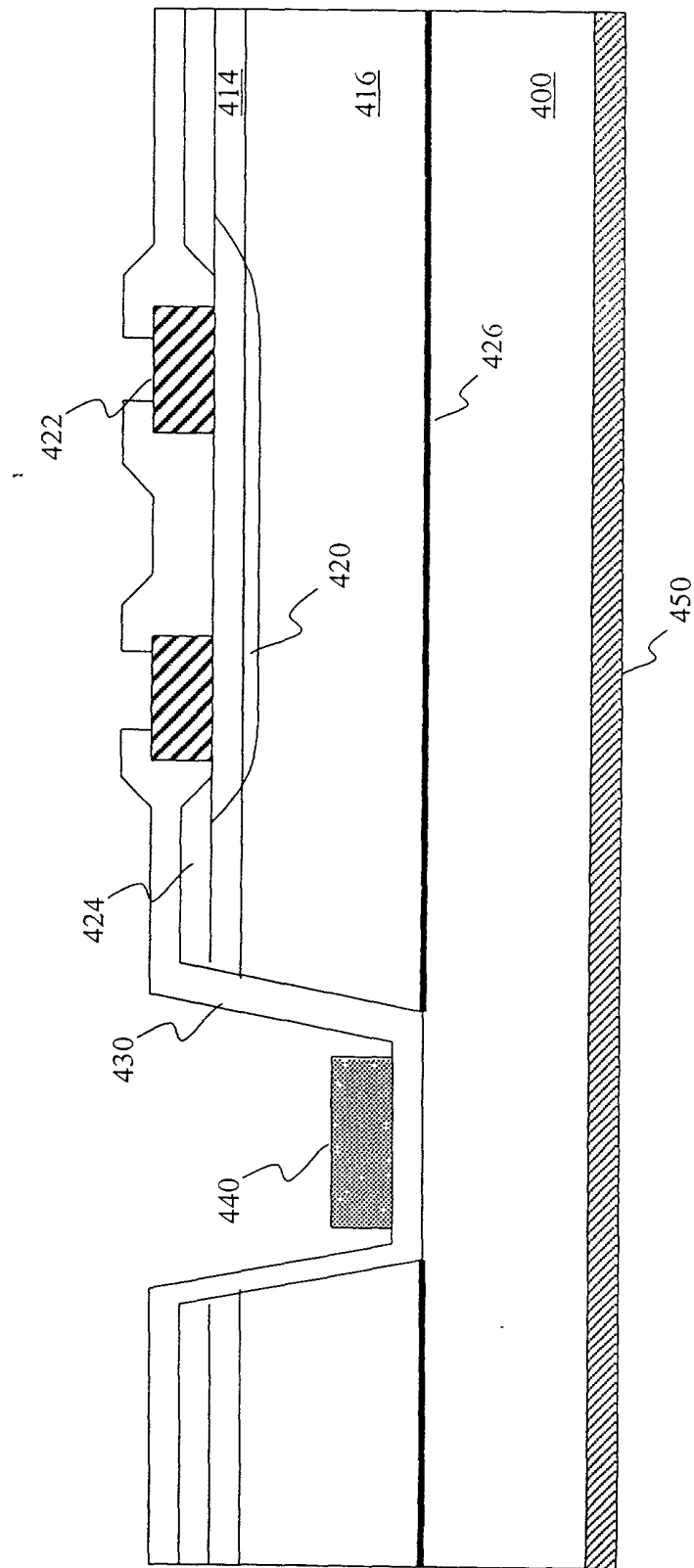
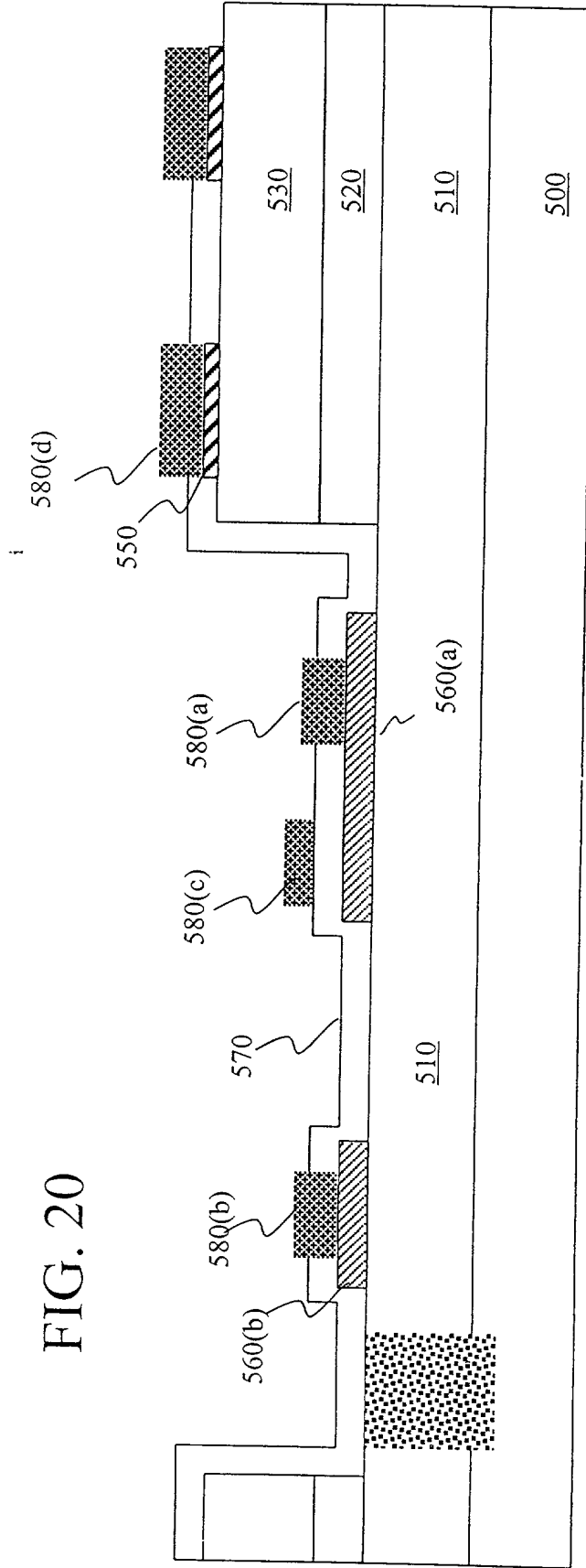


FIG. 20



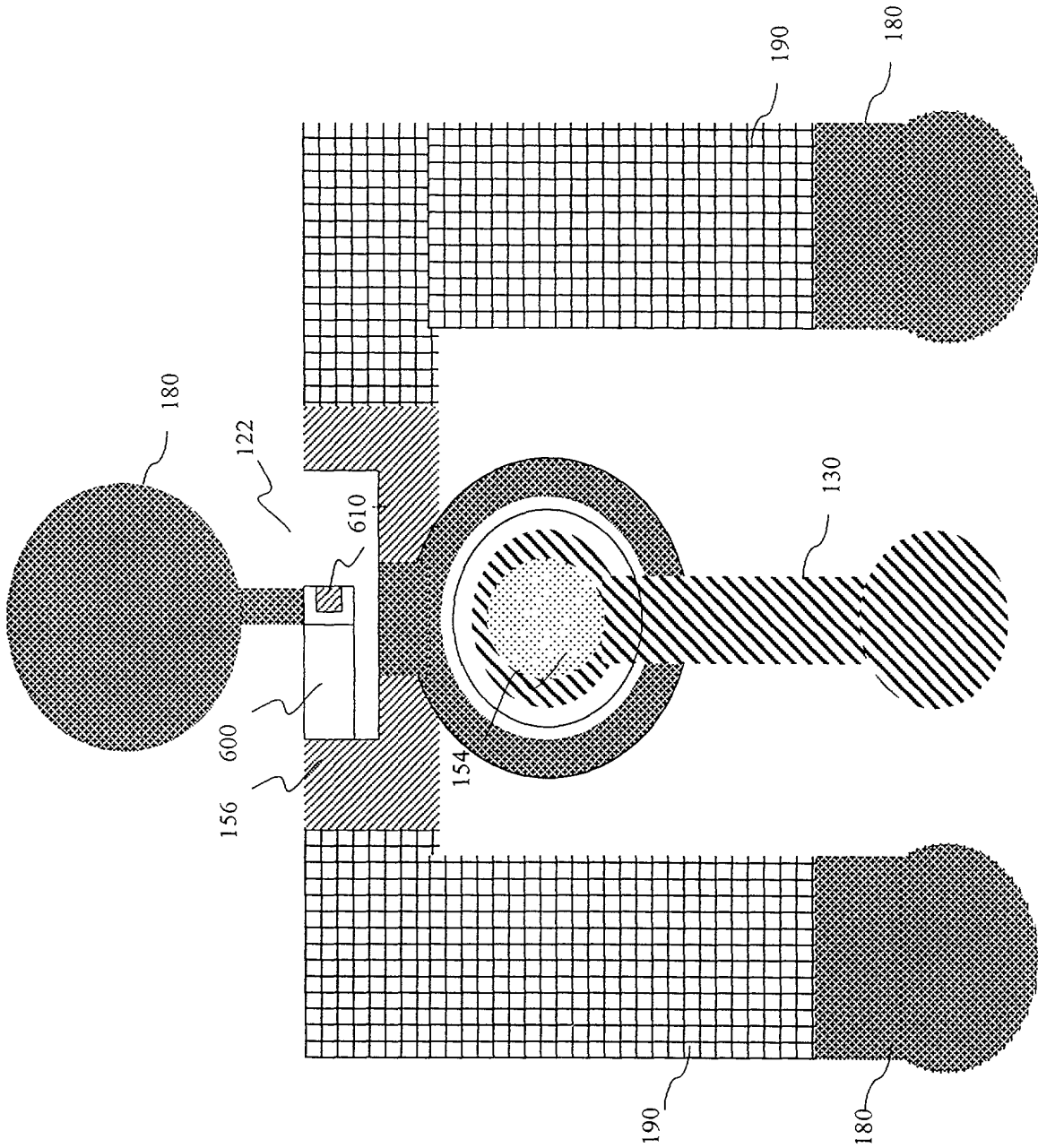
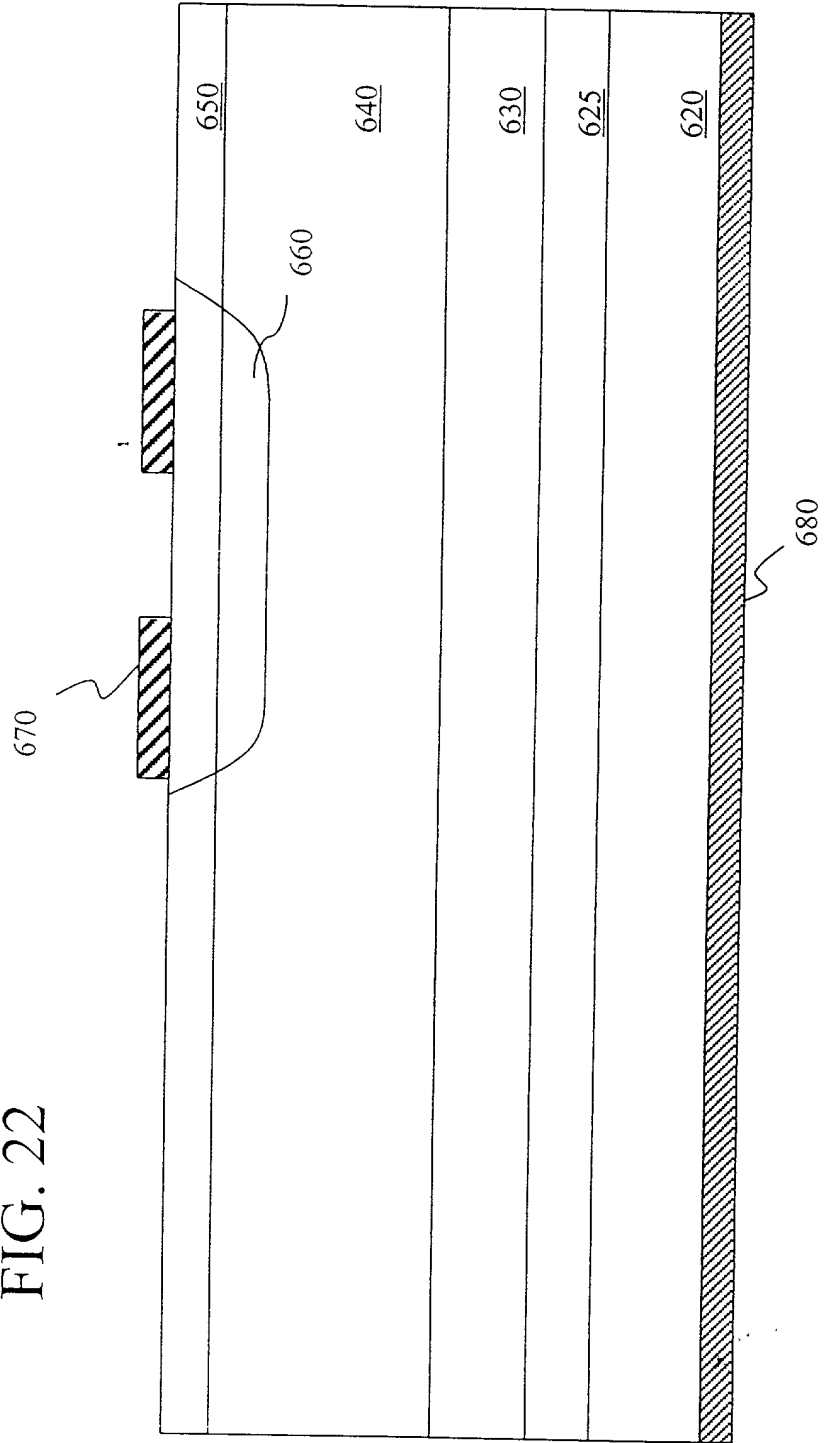


FIG. 21

FIG. 22



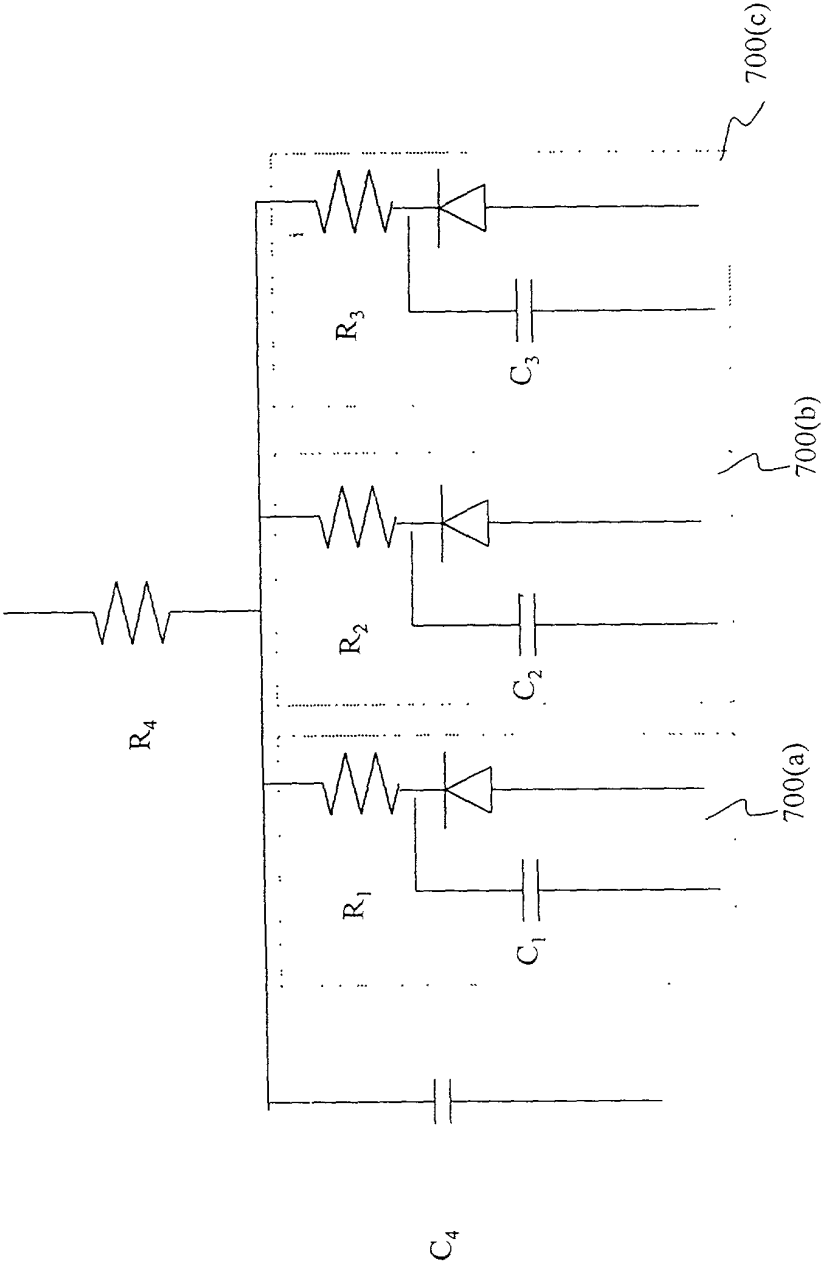


FIG. 23

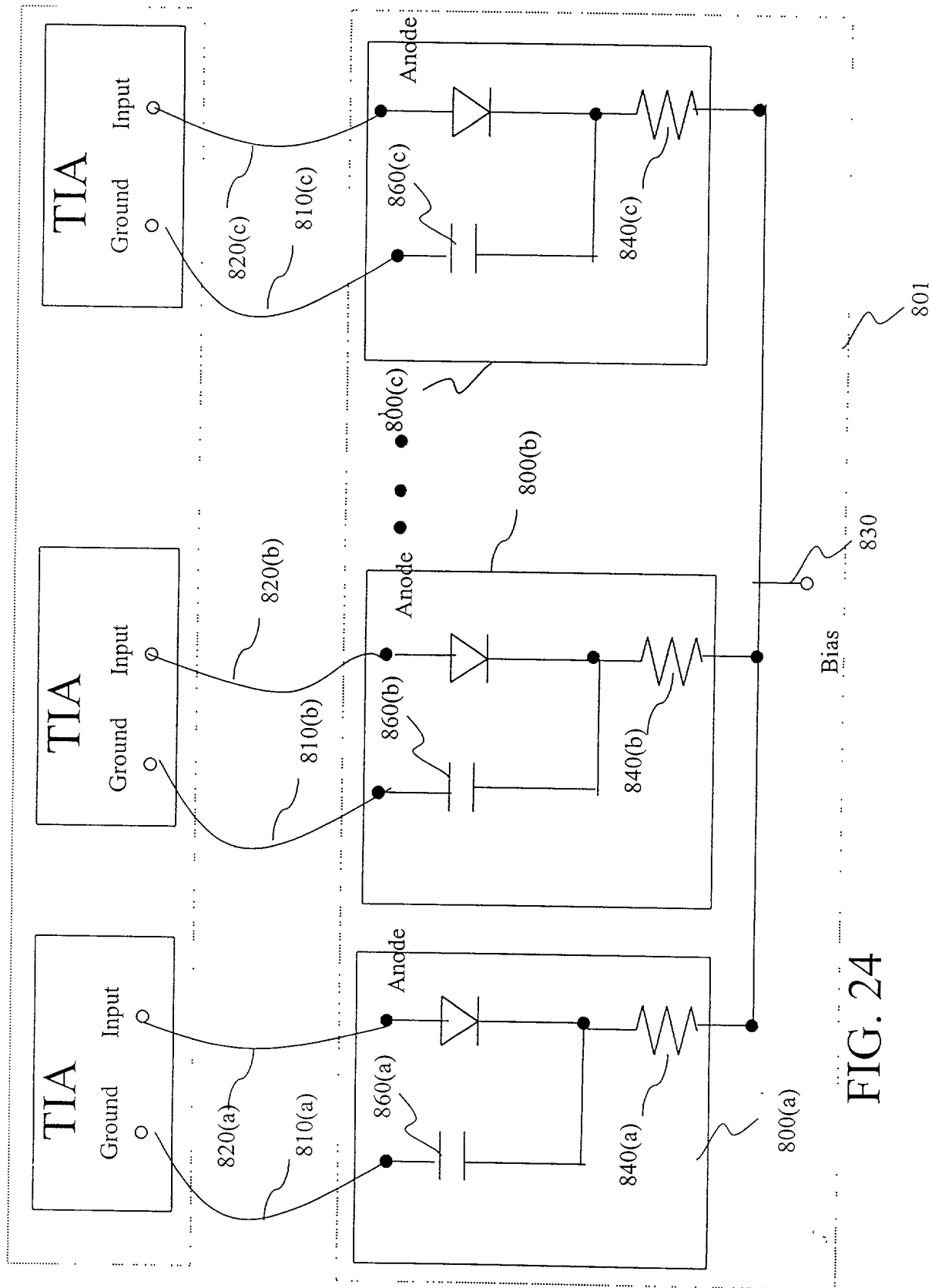


FIG. 24

FIG. 25

1020

1010

1000

960(a)

960(b)

980

990

950

940

930

920

910

900

970

[illegible]